Yusra Suhail

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PROFILE

Highly motivated and self-directed Computer Science student skilled in design, programming, and debugging. Exhibited problem-solving skills through leading multiple projects as an IT consultant and a student. Exceptional detail-oriented communication ensuring high-quality work. Passionate about working with innovative cellular software and staying up to date with advancements.

WORK EXPERIENCE

UNIVERSITY OF RHODE ISLAND

Lead Information Technology Service Desk Consultant — **November 2022 - Present**
- Serves as the main point of contact for URI Information Technology Services (ITS) to facilitate communication, address mutual concerns, and foster collaborations between multiple departments
- Administers URI domain for supported users, including occasional management functions
- Analyzes and addresses IT needs, provides leadership and training, and develops technology recommendations for the future

Research Intern — **September - December 2022**
- Worked on refactoring an application written in JavaScript using React and Redux to make the code precise, easy to read and use for Psychology researchers to analyze data

Senior Information Technology Service Desk Consultant — **August 2022 - November 2022**
- Planned, organized, and managed the activities of a project team; made assignments to other technologists and support staff; checked, evaluated progress, and reported on all team activities
- Routinely analyzed and ascertained the department's IT needs and implemented appropriate solutions in a timely fashion

Teaching Assistant — **September 2021 - Present**
- Aided professor in grading and record-keeping for Social and Ethical Issues in Computing class
- Participated in TA meetings for efficient class management

Information Technology Service Desk Consultant — **September 2021 - August 2022**
- Demonstrated ability to excel in a fast-paced environment, providing IT support to all employees, including remote assistance, and maintaining IT equipment
- Managed secure development and maintenance of servers and network for optimal functioning

EDUCATION

University of Rhode Island, Kingston, RI — **May 2023**
Major: Bachelor of Science Computer Science with a minor in Cyber Security
Honors: CGPA: **3.93/4.00**, Deans List (All semesters), Centennial Scholar

SKILLS

- Python, C++, C, Rust, Flutter, Dart, Asteroid, Database Designing, SQL, Java, JavaScript, HTML, Bash Scripting,OOP
- Familiar with Network topologies including Wireless topologies, Cellular Technologies, Near Field Communication

PROJECTS

Computational Geometry — **January 2023 - Present**
- Creating C++ libraries for polygons on Open Gl platform with Computational Geometry expertise
- Utilizing robust debugging functionality provided by XCode to identify and remedy code errors, including segmentation faults
Link to the project: https://github.com/yusras99/Geometry

Chore Tracker — **December 2023 - Present**
- Innovating a household chore management app using Flutter and Dart for IOS/Android
Link to the project: https://github.com/Liam-Cannon-Yusra-Suhail-Partnership/ly_app

Universal Virtual Machine (UM) in Rust — **April 2022**
- Developed UM with 8 registers, segmented memory, I/O device, and a 32-bit program counter to parse byte level instructions
Link to the project: https://github.com/yusras99/rum

URI Memorial Union Website Redesign — **September 2021 - May 2022**
- Collaborated with a team member and redesigned school website to improve public engagement by implementing a new theme, enhancing layout, interactivity and visual appeal using HTML and GUI
Link to the website: https://web.uri.edu/memorialunion/

Submarine Survival — **September - December 2021**
- Created a Java game to help a submarine avoid sea animals, utilizing Agile, object-oriented approach, and unit testing
- Produced a comprehensive Software Requirement Specification with UML diagrams and functional requirements
Link to the game: https://github.com/CSC305/f21g.git